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I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on **August 12, 2008**.

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

In conjunction with the Response to May 13, 2008 Office Action, applicant hereby submits a Revised Sequence Listing in the above-identified application. Included herewith are a paper

Sequence Listing and a computer readable version of same, in compliance with the requirements of 37 CFR §§1.821-1.825.

The revised versions of the Sequence Listing submitted herewith vary from the Sequence Listing originally filed with the application as detailed in the Response filed herewith. Specifically, SEQ ID NOs: 4-8 have been added to the Sequence Listing. All sequences added by this Revised Sequence Listing were originally included in the application by sequence or detailed description thereof. No new matter has been added.

I hereby state that I have prepared the paper copy of the document titled "181SequenceListingREVISED.pdf" and am submitting such document to the U.S. Patent and Trademark Office by EFS, and that the content of the paper (.pdf) and computer-readable copies (.txt) of such document are the same and include no new matter.

No fees are believed to be due for the filing of this paper. However, should any fees be required or an overpayment of fees made, please debit or credit our Deposit Account No. 08-3284, as necessary.

Respectfully submitted,

Date: August 12, 2008

/kelly k. reynolds/
Kelly K. Reynolds
Reg. No. 51,154
Attorney for Applicants

**INTELLECTUAL PROPERTY/
TECHNOLOGY LAW**
Phone: (919) 419-9350
Fax: (919) 419-9354
Attorney File No.: 4115-181

Attachments:

181RevisedSequenceListing.pdf [5 pgs.]

181RevisedSequenceListing.txt [5 pgs.]

<p>The USPTO is hereby authorized to charge any deficiency or credit any overpayment of fees properly payable for this document to Deposit Account No. 08-3284</p>
